

Message Text

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14

ORIGIN AEC-11

INFO OCT-01 IO-12 ADP-00 SCI-06 ACDA-19 CIAE-00 INR-10

L-03 NSAE-00 NSC-10 RSC-01 GAC-01 SCEM-02 AF-10

ARA-11 EA-11 EUR-25 NEA-10 /143 R

66643

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IO/ SCT: RKENT

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R 182044 Z APR 73

FM SECSTATE WASHDC

TO USMISSION IAEA VIENNA

UNCLAS STATE 072700

E. O. 11652 N/ A

TAGS: IAEA TECH

SUBJECT: INTERNATIONAL STANDARDS FOR DETERMINATION OF
CURIE CONTENT OF LARGE RADIOISOTOPE SOURCES

REF: IAEA VIENNA 2008

1. MISSION SHOULD ADVISE AGENCY THAT AEC' S FY 1974
BUDGET DOES NOT CONTAIN FUNDS TO CONTINUE AEC ISOTOPE
DEVELOPMENT PROGRAM RELATED TO ABOVE ACTIVITY ORIGINALLY
PROPOSED BY AEC FOR IAEA SPONSORSHIP. IN VIEW OF THIS
AND PLANNED CLOSING OF HIGH INTENSITY RADIATION
DEVELOPMENT LABORATORY AT BROOKHAVEN, ACTIVE PARTICIPATION
BY AEC LABORATORIES IN FUTURE EFFORTS OF THIS TYPE WOULD
BE DIFFICULT TO SUPPORT, ALTHOUGH WE APPRECIATE AGENCY' S
EARLIER STEPS AS A RESULT OF OUR SUGGESTION.

2. FOLLOWING IS PROVIDED FOR INFORMATION OF AGENCY.
UNDER BROOKHAVEN LEADERSHIP, LIMITED INTERNATIONAL PARTICI-
PATATION (CANADA, U. K. , FRANCE) IN CROSS- CHECKING OF
CURIE CONTENT OF COBALT-60 SOURCES USING VARIOUS TECHNIQUES
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(CALORIMETRY, ION CHAMBER, CHEMICAL DOSIMETERS AND SOURCE DISSOLUTION) REVEALED SURPRISINGLY GOOD AGREEMENT (WITHIN ABOUT 5 PER CENT). ORIGINALLY, MORE GROUPS WERE TO PARTICIPATE IN ROUND- ROBIN TESTING, INCLUDING SOURCE PRODUCERS, BUT EFFORT CEASED DUE TO BUDGET PRIORITIES.

3. AMONG ACADEMICIANS AND SOME SOURCE MANUFACTURERS THERE IS FELT A DE

LIMITED OFFICIAL USE

*** Current Handling Restrictions *** n/a

*** Current Classification *** UNCLASSIFIED

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts:
Control Number: n/a
Copy: SINGLE
Draft Date: 18 APR 1973
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1973STATE072700
Document Source: CORE
Document Unique ID: 00
Drafter: USAEC: IP: IAEA: JWCLIFFORD
Enclosure: n/a
Executive Order: n/a
Errors: n/a
Film Number: n/a
From: SECSTATE WASHDC
Handling Restrictions: n/a
Image Path:
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Legacy Key: link1973/newtext/t19730450/aaaaivqa.tel
Line Count: 76
Locator: TEXT ON-LINE
Office: ORIGIN AE
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
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Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 73 IAEA VIENNA 2008
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Review Authority: kellerpr
Review Comment: n/a
Review Content Flags: ANOMALY
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Review History: RELEASED <05-Dec-2001 by elbezefj>; APPROVED <01 MAR 2002 by kellerpr>
Review Markings:

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US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
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TAGS: TECH, AU, IAEA
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Type: TE
Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005